

Application No.: 09/147,801
Amendment dated May 10, 2005
In response to Examiner's Final Office Action dated February 11, 2005

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-19.

Please add claims 20-28.

This listing of claims will replace all prior versions, and listings of claims in this application.

Listing of Claims:

Claims 1-19 (canceled).

Claim 20 (new): An isolated protein comprising SEQ ID NO:4, an amino acid sequence at least 75% homologous to SEQ ID NO:4, or an antigenic fragment of SEQ ID NO:4, wherein the antigenic fragment induces or reacts with antibodies specific to Ljungan viruses.

Claim 21 (new): An immunogenic composition comprising the protein of claim 20 or claim 28.

Claim 22 (new): The immunogenic composition of claim 21, further comprising an adjuvant.

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Claim 23 (new): An isolated antibody induced by or reactive with SEQ ID NO:4 or an antigenic fragment thereof, wherein the antibody is specific to Ljungan picornavirus, or an antigen-binding portion of said antibody.

Claim 24 (new): The isolated antibody according to claim 23 which is polyclonal.

Claim 25 (new): The isolated antibody according to claim 23 which is monoclonal.

Claim 26 (new): A diagnostic kit comprising the protein of claim 20 or 28 or the antibody of claim 23, and diagnostic reagents.

Claim 27 (new): A method of inducing an immune response in a subject comprising administering the protein according to claim 20 or 28 or the composition according to claim 21 or 22.

Claim 28 (new): The isolated protein of claim 20, wherein the protein which comprises an antigenic fragment of SEQ ID NO:4 is at least 75% homologous to SEQ ID NO:4.